

Receiving Report

Date: 11-11-27

Batch No: 130982

Supplier: Core

Dart P/O: 26298

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☒ No ☐
 Receipt: Cash ☐ Cr ☒
 New Supplier: Yes ☐ No ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC18 Inspection: ☐ N/A ☒
 Work Order: ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12 SP

Production/Admin:
 Date _____
 Received/Costing _____
 Initial _____

Location _____



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO26298**

Purchase Order Date 10/29/2014

PO Print Date 10/29/2014

Page Number 1 of 1

Order From :

VU-COR001

Ship To : DART AEROSPACE LTD

C.O.R.E. AVIATION SERVICES
16305 E. TWIN ACRES DRIVE
GILBERT, AZ 85297
US

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FC

Contact Name

Vendor Phone 480 497 6136

Ship To Contact

Ship To Phone

Ship Via: FedEx Overnight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	
1	AN6C44A	Bolt	10/31/2014 Yes 10/31/2014	FN	80.00 Each	\$14.00	\$
2	71401-45	PROCUREMENT QUALITY CLAUSES	10/31/2014 No 10/31/2014		1.00	\$0.00	\$

Rec'd 52x
8014
Rec'd 28x
8014-11-27

Line Total:

Line Total:

PO Total:

PO Instructions: Fedex Acc#151793240

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 10/29/2014



C.O.R.E. Aviation Services, Inc.

16305 E. TWIN ACRES DRIVE

GILBERT, AZ 85298

USA

Ph: 480-497-6136 Fax: 480-497-3568

EMail: sales@coreaviation.com

Packing List

Ship Doc: CA141126-2

Printed : 11/26/2014

No. Items: 2

Page : 1 of 1

Bill To:

Dart Aerospace Ltd.
1270 Aberdeen St.
Hawkesbury, ON K6A 1K7
Canada

Ship To:

Dart Aerospace Ltd.
Main Finished Goods Location
1270 Aberdeen St.
Hawkesbury, ON K6A 1K7
Canada

Sales Order : 26581

AWB : 772008673012

Resale : Not On File

Order Date : 11/21/2014

Customer# : DALD

Buyer :

Ship Date : 11/26/2014

Terms : N 10

Contact : 613-632-9577

Ship Via : FEDEX

Sales Person: KAIZER HUSEIN

Weight :

Ship Account 151793240

FOB : GILBERT, AZ

No. Boxes :

Dimensions :

Item	Part Number/Description	CD	Location	UM	Ord	B/O	Shipped	Cust. PO#
1	AN6C44A BOLT NSN:5306-00-275-9647	FN	HC202	EA	80	0	28	26298
1	MS20426AD10-9A RIVET-CLEAR ANODIZED FINISH	FN	HC202	EA	125	0	125	26581

SP14-11-27

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TERMS AND CONDITIONS OF SALE

MATERIALS ON THIS ORDER CONFORM TO SPECIFICATIONS AS LISTED ON YOUR PO/RO.

MATERIAL IS SUBJECT TO YOUR INSPECTION

OUR TERMS ARE AS PER OUR MUTUAL LETTERS OF AGREEMENT.

OVERDUE INVOICES WILL BE SUBJECT TO 1.5% INTEREST ON OVERDUE AMOUNTS.

NO RETURN OR REFUNDS AFTER 10 DAYS FROM INVOICE DATE.

DAMAGE OR SHORTAGE CLAIMS MUST BE MADE WITHIN 10 DAYS OF INVOICE DATE.

NO RETURNS ALLOWED WITHOUT PRIOR APPROVAL. RETURNED GOODS COULD BE SUBJECT TO A RESTOCK CHARGE.

COUNTRY OF ORIGIN OF GOODS : USA

TYPE OF GOODS : AIRCRAFT PARTS

HARMONIZED CODE : 8803-20-0050



C.O.R.E. Aviation Services, Inc.

16305 E. TWIN ACRES DRIVE

GILBERT, AZ 85298

USA

Ph: 480-497-6136 Fax: 480-497-3568

EMail: sales@coreaviation.com

DUPLICATE

Invoice

Invoice : CA141126-2

Date : 11/26/2014

No. Items: 1

Page : 1 of 1

To:
Dart Aerospace Ltd.
1270 Aberdeen St.
Hawkesbury, ON K6A 1K7
Canada

Ship To:
Dart Aerospace Ltd.
Main Finished Goods Location
1270 Aberdeen St.
Hawkesbury, ON K6A 1K7
Canada

Sales Order : 26298

AWB : 772008673012

Resale : Not On File

Your Order# : 26298

Customer# : DALD

Buyer :

Order Date : 10/29/2014

Terms : N 10

Contact : 613-632-9577

Ship Date : 11/26/2014

Sales Person: KAIZER HUSEIN

Weight :

Ship Via : FEDEX

FOB : GILBERT, AZ

No. Boxes :

Dimensions :

Item	Part Number/Description	Shipped	BackOrd	CD	Unit Price	Total Amt
1	AN6C44A BOLT NSN: 5306-00-275-9647	28	0	FN	\$14.00 EA	\$392.00

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TERMS AND CONDITIONS OF SALE

MATERIALS ON THIS ORDER CONFORM TO SPECIFICATIONS AS LISTED ON YOUR PO/RO.

MATERIAL IS SUBJECT TO YOUR INSPECTION

OUR TERMS ARE AS PER OUR MUTUAL LETTERS OF AGREEMENT.

OVERDUE INVOICES WILL BE SUBJECT TO 1.5% INTEREST ON OVERDUE AMOUNTS.

NO RETURN OR REFUNDS AFTER 10 DAYS FROM INVOICE DATE.

DAMAGE OR SHORTAGE CLAIMS MUST BE MADE WITHIN 10 DAYS OF INVOICE DATE.

NO RETURNS ALLOWED WITHOUT PRIOR APPROVAL. RETURNED GOODS COULD BE SUBJECT TO A RESTOCK CHARGE.

COUNTRY OF ORIGIN OF GOODS : USA

TYPE OF GOODS : AIRCRAFT PARTS

HARMONIZED CODE : 8803-20-0050

Sub Total : \$392.00

Tax Total :

S + H : \$0.00

Balance : \$392.00

CERTIFICATE OF CONFORMANCE

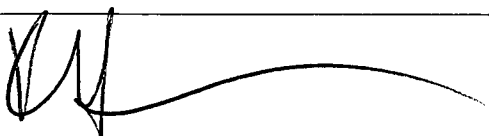
C.O.R.E. Aviation Services, Inc.

16305 E. TWIN ACRES DRIVE, GILBERT, AZ 85298, USA
Phone: 480-497-6136 Fax: 480-497-3568 FAA Sta. #: Web:

Invoice : CA141126-2
Date : 11/26/2014
PO : 26298
Issued By : KAIZER HUSEIN
Page : 1 of 1

THIS IS TO CERTIFY THAT ALL GOODS ON C.O.R.E. INVOICE WERE SHIPPED IN ACCORDANCE WITH THE PART SPECIFICATIONS ON CUSTOMERS PO & TO THE BEST OF OUR KNOWLEDGE AND BELIEF, MEET THOSE STANDARDS.
ITEM(S) WERE DETERMINED TO BE IN STATED CONDITION BY VISUAL CONDITION AND OR IN ACCORDANCE WITH RECEIVING RECORDS.
ALL DETAILED RECORDS ARE KEPT ON FILE AT C.O.R.E. AVIATION SERVICES FOR ANY FUTURE CUSTOMER INSPECTION.

Item	Part Number/Description	Shipped	CD
1	AN6C44A Lot:327056	28	FN



KAIZER HUSEIN



CALIFORNIA SCREW PRODUCTS CORPORATION
14957 GWENCHRIS COURT
PARAMOUNT, CALIFORNIA 90723-3423
TEL (562) 633-6626
FAX (562) 633-2082

PACKING SLIP

Original : 36703

*** Parts Manufactured in the USA ***

Sold To:
003818 C.O.R.E. AVIATION SERVICES, Inc. 16305 E. TWIN ACRES DRIVE GILBERT, AZ 85298

Ship To:
***** C.O.R.E. AVIATION SERVICES, Inc. 16305 E. TWIN ACRES DRIVE GILBERT, AZ 85298

Customer P.O. No.		Sales Order	Date	Ship Via		Job No.
STK141031		57089	11-21-14	FEDEX GROUND		327056
Pos	Item	Ordered	Delivered Qty	Unit	Weight	No. of Cartons

10	AN6C44A	233	233	ea	35	1

**CALIFORNIA SCREW PRODUCTS CORP.****14957 GWENCHRIS CT. PARAMOUNT, CA 90723****P: 562-633-6626****F: 562-529-7108**

CAGE NUMBER : 82

Airbus UK Approval No. HUK/SA/30144

Job Number : 327056

BAE/AG/30235 / MAA

TEST REPORT

Part Number : AN6C44A
Customer : C.O.R.E. AVIATION SERVICES, Inc.
Procurement Spec. : NASM6812 REV. 3
Surface Finish Spec : AMS2700 REV. E
Heat Treat Spec : AMS2759/5 REV. D
Mgntc Permeability : N/A

Part Standard : NASM3-20 REV. 2
Cust. Purchase Order Number : STK141031
Thread Size & Form : .375-24 UNF-3A
Thread Spec : MIL-S-7742 REV. D
Sample Size Spec. : NASM6812 REV. 3

Shipped Quantity* : 233
Mfg Quantity : 1240
Matl Spec: AMS 5628 REV. F
Item Description: Bolt
Heat Number: 258782

* Actual piece count is within +/- 2% of the shown lot quantity.

NON-DESTRUCTIVE TESTS / SUBCONTRACTED (SEE CERTIFICATION)

Sample Size : 32 specimens Inspection Results: Accept : 32 Reject : 0 specimens
Magnetic Particle : ASTM E1444M-12 Fluorescent Penet. : N/A

METALLURGICAL EXAMINATION RESULTS

Sample Size : 5 specimens Accept : 5 Reject : 0 Lab Mount No. : 44942
GRAIN SIZE : 8.0 HEAD STRUCTURE : Accept LAPS : Accept MICRO STRUCTURE : Accept
FILLET COLD WORKED : Accept DECARB : Accept SEAMS : Accept CARBURIZED : Accept
GRAIN FLOW HEAD : Accept GRAIN FLOW THREAD : Accept CRACKS : Accept THREAD RUN OUT : Accept

MECHANICAL TESTS RESULTS

ULTIMATE TENSILE STRENGTH (lbs.) - Loc. of Failure: Threads Minimum Req.: 10100
Sample Size : 5 specimens Accept : 5 Reject : 0 Maximum Req.: 0

1. 13998	2. 13742	3. 13753	4. 13762	5. 13763	6. N/A	7. N/A	8. N/A
9. N/A	10. N/A	11. N/A	12. N/A	13. N/A	14. N/A	15. N/A	16. N/A
17. N/A	18. N/A	19. N/A	20. N/A	21. N/A	22. N/A	23. N/A	24. N/A
25. N/A	26. N/A	27. N/A	28. N/A	29. N/A	30. N/A	31. N/A	32. N/A

SHEAR (lbs.) S/D : SINGLE Sample Size : 5 specimens Accept : 5 Reject : 0 Minimum Req.: 8280

1. 9268	2. 8942	3. 9114	4. 9280	5. 9199	6. N/A	7. N/A	8. N/A
9. N/A	10. N/A	11. N/A	12. N/A	13. N/A	14. N/A	15. N/A	16. N/A
17. N/A	18. N/A	19. N/A	20. N/A	21. N/A	22. N/A	23. N/A	24. N/A
25. N/A	26. N/A	27. N/A	28. N/A	29. N/A	30. N/A	31. N/A	32. N/A

HARDNESS TEST - Sample Size : 13 Hardness Req. RC : 26-32 Hardness Results : 27-29

STRESS RUPTURE TEST - N/A Load (Lbs.) : 0 Temperature (F) : 0 Periodic test, REF Job No.
Sample Size : 0 Hours : 0

FATIGUE TEST - N/A Cycles : 0 Min Req. : 0
Sample Size : 0 Low Load (lbs.) : 0 High Load (lbs.) : 0

TORQUE TEST - N/A Sample Size : 0 Load (Lbs/in) : 0

STRESS DURABILITY TEST - N/A Sample Size : 0 LOAD (Lbs.) : 0 Hours: 0

STATEMENT OF CONFORMANCE:

This report relates only to items inspected/tested. Deviations from standard test methods, if any, are noted, and results from subcontracted inspection or testing, if any, are identified. All items were manufactured in the USA under a quality management system, which complies with ISO 9001 and with AS 9100. CALIFORNIA SCREW PRODUCTS CORP, hereby states: That the above product is mercury free; that the above listed lot has been produced, sampled, tested, inspected and marked in accordance with all requirements and that the product complies with all specification and contract requirements; that evidence of which is in the files of our company subject to examination. This report shall not be reproduced except in full, unless authorized in writing by CALIFORNIA SCREW PRODUCTS CORPORATION.

**DFAR 252.225.7009
COMPLIANCE**

FINAL INSPECTOR

(Name, Signature, Stamp and Date)

PERTH, ON
ERIN, ON
DUMAS, AR
LANCASTER, SC

613-267-3762 FAX 613-267-8617
619-833-9632 FAX 619-833-2213
870-382-2880 FAX 870-382-8888
803-283-3363 FAX 803-283-6303



FOND DU LAC, WI
UNION, IL
PERRIS, CA

920-926-0809 FAX 920-926-0862
815-923-2131 FAX 815-923-2128
951-857-2105 FAX 951-843-6061

THE LEADING MANUFACTURER OF STAINLESS STEEL AND NICKEL ALLOY WIRE PRODUCTS
EXECUTIVE OFFICES: PERTH, ON CANADA - EMAIL: sales@centralwire.com

PERRIS SERVICE CENTER
2500 "A" STREET
TEL: 909-857-2105

PERRIS, CA 92570-9381
FAX: 909-843-6061

CERTIFICATE OF CONFORMANCE

SOLD
TO

CALIFORNIA SCREW PRODUCTS
14957 GWEN CHRIS COURT
PARAMOUNT CA 90723-3423
USA

SHIP
TO

CALIFORNIA SCREW PRODUCTS
14957 GWEN CHRIS COURT
PARAMOUNT CA 90723-3423
USA

CUSTOMER'S PO NO.	TYPE OF CERT	CUSTOMER	ORDER NO.	WORK ORDER	DATE SHIPPED
132751	Customer	105844	1187937	1	2012374
11/13/13					
SPECIFICATIONS: ASTM-A-493-09, AMS 5628F					

ITEM DESCRIPTION		
DESCRIPTION	SPEC. CLASS	HEAT
Cold heading 431 SKIN PASSED Seam Free .3760 Coils Std. Copper-Moly	Melt mill VALBRUNA Country of origin ITALY	258782
	QTY SHIP 616	055

CHEMICAL ANALYSIS						
C	MN	SI	P	S	CR	NI
.15	.57	.42	.021	.001	15.92	1.59
MO	CU	N				
.15	.14	.023				

MECHANICAL PROPERTIES							
AS SHIPPED PROPERTIES:							
TENSILE 102.000 KSI							
AFTER HEAT TREAT PROPERTIES: AFTER-HEATS: MILL CAPABILITY							
TENSILE 206.000 KSI	YIELD 183.000 KSI	ELONGATION 14.000 %	R/A 58.000 %				

* DFARS 252.225-7014 ALT.I COMPLIANT *

NOV 15 2013

DFAR 252.225.7009
COMPLIANCE

QUALITY REPRESENTATIVE

The material as shipped is free from mercury contamination. I certify the chemical analysis and physical and mechanical test results reported above are correct as contained in the records of the company.

Very truly yours,

AUTHORIZED SIGNATURE

Acciaierie Valbruna S.p.A.

36100 VICENZA (Italia) - Viale della cerizza, 25 z.l.

Stab.: 36100 BOLZANO (Italia) - Via A. Volta, 4

Clienti / customers:

VALBRUNA STAINLESS INC.

2400 TAYLOR STREET WEST

48801-FORT WAYNE, IN 46801-US

Produttore: ACCIAIERIE VALBRUNA S.P.A.

Hersteller/Hersteller-produkte



CONFORME A NORMA
UNI EN 10204

CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2004), 3.1

Avviso di Spedimento: D-VHS000219
Lieferantenbescheinigung 3.1.1

Ordine nr. 33338 2010833 CW
Bestell-Nr. 33338/2010833

Stato di finitura: Distended Armrolled Hot rolled
Lieferanten/Endverbraucher: Stahlwerk de France



Marchio di Fabbrica:
Zeichen des Lieferanten
Trade mark
Signe de l'usine productrice

Purezza del Collaudatore:
Stempel des Weichmachereinsichtungs
Inspector's stamp/Inspektion der Empfänger



Certificato nr.: MEST286796/2013/
Prüfzeugnis

Conferma ordine nr.: EV12000088
Hersteller-Garantie-Nr.

Analisi chimica

Chemische Zusammensetzung Chemical Analysis/Analyse of sample

Cottura Heat Schmelztemperatur	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	P %	S %	N %	
	min 0,12 max 0,17	0,20 0,50	0,30 0,50	15,50 16,50	0,25 0,50	0,50 1,70	1,50 1,70	0,040 0,040	0,030 0,030	0,100 0,100	
258782	0,15	0,42	0,57	15,92	0,15	0,14	1,59	0,021	0,001	0,023	

Banded Ferrite and Austenite conform to the AMS 5828F.

Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste
The customer's requirements and the conditions
The material has been furnished in accordance with the requirements
Le material a été livré conforme aux exigences

Controllo antiriscaldamento: OK
Vergewöhnung des Schmelztemperatur
Antiriscaldamento OK
Controllo antiriscaldamento OK

Controllo delle dimensioni: soddisfa le esigenze
Maßnahmen und Abmessungen des Bestellers
Dimensionen des Materials entsprechen den
Controllo delle dimensioni: soddisfa le esigenze

Melted and manufactured in Italy. No welding or weld repair

We declare that the finished product is checked for radioactive contamination through Peral System when it leaves the production plant.

The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1, A.4.3 by TÜEV and LLOYD'S

Any act of tampering, modification, alteration, counterfeiting and/or falsification under any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna S.p.A. shall not be responsible for any improper use of the Product.

RMIK 9075

fine
NOV 15 2013

DFAR 252.225.7009
COMPLIANCE

Vicenza, 04/01/13

verità
(data, luogo)

Il collaudatore di stabilimento / der Werksschweissende/ Works Inspector / L' agent d' ushe

M. Rizzotto

Pagina - 2 di 2

Acciaierie Valbruna S.p.A.



CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2004), 3.1

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Customer / Kunde:
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801-FORT WAYNE, IN 46801-US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Hersteller/produit

Avviso di Spedizione: D-VI13000219
Unterlagen/Fachung/Bill

Certificato nr: MEST288796/2013/
Prüfung/Fachung

Conferma ordine nr: EV12000088
Werkz/Oder/Oder nr

Marchio di Fabbrica:
Zeichen des Lieferanten
Trade mark
Sigle de l'usine/produit



Stato di fornitura: Descaled Annealed Hot rolled
Lieferzustand/Delivery state/état de livraison

Tipo di Elaborazione: E+AOD
Erzeugnisgruppe/Working process/Mode d'élaboration

Funzione del Collaudatore:
Stempel des Werkstoffverständigen
Inspector's stamp/Fonction de l'inspecteur



Specifiche:
Anforderungen / Requirements / Exigences
D.3.PRS.079.S 2005 431 A

ASTM A370 2012.

J/N 327056

Qualità: 431
Werkstoff/Grade/Qualité

Marca: VAL4R
Markenbezeichnung
Marque

Tolleranza: ASTM A484-11
Tolerance/Allowance/Tolérance

Punzonatura: 431
Kampfschneidung/Marking/Marque

Pos. nr. Item nr. Nr. de poste	Oggetto Description Description de produit	Dimensioni - in Abmessungen Dimensions	Lunghezza - in Länge Longueur	Colata Schmelze Coulée	Pezzi Stückzahl Pièces	Peso - LB Gewicht Poids	Lotto nr. Lose Lot nr.
0020	Round	0,4724	/	258752		4,528	215701900

Test on delivery condition Prüfung auf Lieferzustand Produkt Test à l'état de livraison Prueba sobre el material así como entregado

TEST	Proveita/Prova Eigenschaften Eigenschaften Werkstoff Werkstoff Werkstoff	°F	Post. Saggio Proben Proben	Snervamento Zugversuch Zugversuch Rp 0,2% k.s.J.	Snervamento Zugversuch Zugversuch Rp 0,2% k.s.J.	Resistenza Zugversuch Zugversuch Rm k.s.J.	Allungamento Zugversuch Zugversuch E 4d %	Strizione Zugversuch Zugversuch RA %	Resilienza Kerbschlag Kerbschlag KJ/m²	Durezza Härte Härte HB
	Valori richiesti 1 Anforderungen Anforderungen	min	max			123				
A	8,75	68	L	74		111	33	63		228

Sample hardened and double tempered

Tipo Trattamento Werkstoffbehandlung Heat Treatment Werkstoffbehandlung		Temperatura Temperatur Temperature	Raffreddamento Abkühlung Cooler Refrigeration	Permanenza Haltezeit Holding Time	Tipo Trattamento Werkstoffbehandlung Heat Treatment Werkstoffbehandlung		Temperatura Temperatur Temperature	Raffreddamento Abkühlung Cooler Refrigeration	Permanenza Haltezeit Holding Time	Tipo Trattamento Werkstoffbehandlung Heat Treatment Werkstoffbehandlung		Temperatura Temperatur Temperature	Raffreddamento Abkühlung Cooler Refrigeration	Permanenza Haltezeit Holding Time
Hardening		1675 °F	OIL		First tempering		550 °F	AIR		Second tempering		550 °F	AIR	
TEST	Proveita/Prova Eigenschaften Eigenschaften Werkstoff Werkstoff Werkstoff	°F	Post. Saggio Proben Proben	Snervamento Zugversuch Zugversuch Rp 0,2% k.s.J.	Snervamento Zugversuch Zugversuch Rp 0,2% k.s.J.	Resistenza Zugversuch Zugversuch Rm k.s.J.	Allungamento Zugversuch Zugversuch E 4d %		Strizione Zugversuch Zugversuch RA %	Resilienza Kerbschlag Kerbschlag	Durezza Härte Härte			
	Valori richiesti 1 Anforderungen/Required values Values	min	max	150	-	200	-	10	-	40	-	-		
B	12,5	68	L	183		208		14		58				

Sample cond. H+T

Tipo Trattamento Werkstoffbehandlung Werkstoffbehandlung	Temperatura Temperatur Temperatur	Raffreddamento Abkühlung Abkühlung	Permanenza Haltezeit Haltezeit	Tipo Trattamento Werkstoffbehandlung Werkstoffbehandlung	Temperatura Temperatur Temperatur	Raffreddamento Abkühlung Abkühlung	Permanenza Haltezeit Haltezeit	Tipo Trattamento Werkstoffbehandlung Werkstoffbehandlung	Temperatura Temperatur Temperatur	Raffreddamento Abkühlung Abkühlung	Permanenza Haltezeit Haltezeit
Hardening	1675 °F	OIL	30 "	Tempering	1175 °F	AIR	180 "				
TEST	min	max									
A	Grain size for ASTM E112	3	5								
A	Delta Ferrite	4,0	0 %								

TEST C: hardened from 1024C/oil and tempered from 635/air,
according to AMS 5628F.
Mechanical properties according to ASTM A370.

9075

Jose Cortes
NOV 15 2013

DFAR 252.225.7009
COMPLIANCE

Vicenza, 04/01/13 VCO012 (Mod. MCE)	Il collaudatore di stabilimento / der Werkstoffverständiger / Works Inspector / L'agent à usine M. Rizzotto	Pagina - 1 di 2
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Huntington Park Division
 3370 Benedict Way Huntington Park, CA 90255
 Phone: 323.583.1231
 QC Fax: 323.583.9640 Accounting Fax: 323.583.0515
 www.bodycote.com

Cert No. 78-188233
CRT1894420078SI
 Certified: 1/14/2014

Bill To

Ship To

California Screw Products Corporation
14957 Gwenchris Court
Paramount, CA 90723

Ship To: 78-15257-1
California Screw Products Corporation
14957 Gwenchris Court
Paramount, CA 90723

We are pleased to submit our CERTIFICATION OF HEAT TREATMENT of the following:

Order No 260722	PO Number 135756	PL Number 1/7/14	Received 1/6/2014 3:00:42 PM
Requirements			Value
Surface Hardness Min (HRC)			27.0
Surface Hardness Max (HRC)			32.0
Qty 1300	Wgt 212	Part No. AN6C44A	Part Name Rev N/A
Material 431			
Part Description JOB: 327056 PART STANDARD: NASM3-20 REV.2 CODE: 4102 Hardened and Tempered to 27-32 HRC per AMS 2759/5 Rev D and the Purchase Order.			
1 Bodycote Decarb Coupon			
1300	212	Total	

We hereby certify that the parts described on this document were Heat Treated in accordance with the above noted specifications and the following results were obtained with standard approved methods.
 Parts processed free of mercury contamination.

Recorded Values	Value
Surface Hardness Min (HRC)	28.0
Surface Hardness Max (HRC)	30.0
Quantity Inspected = (integer)	13

Furnace #	Process	Temperature	Time	Quench
501	Vacuum Harden	1875F	1 Hour 20 Minute	Oil/110F
604	Cold Stabilize	-100F	2 Hour 30 Minute	
431	Temper	1125F	2 Hour 32 Minute	
427	Temper	1125F	3 Hour 30 Minute	

Lab Results:

Decarb contamination results conform to specification requirements.

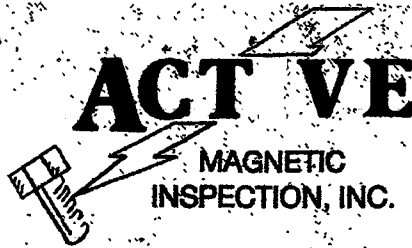
All processes involved in the production of these articles and requiring specific process approval have been so approved and certificates are on file subject to examination.

Bodycote - H.P.

Certified: 1/14/2014

By: Idania Recinos QC Tech

California Screw Products Corporation
 (Fax) 1 (562) 633-2082



93561/2 San Fernando Road, Unit B • Sun Valley, CA 91352
(818) 504-0677 • FAX (818) 504-1559

SOLD TO: CALIFORNIA SCREW PRODUCTS
14957 GWENDHRIS AVE P.O. BOX 228
PARAMOUNT, CA 90723
(562) 633-6626

TERMS: net 30

DATE CERTIFIED:	DATE RECEIVED:	DATE TESTED:	CUSTOMER P.O.	PACKAGING METHOD:
03-04-2014	02-27-2014	03-04-2014	137044	1 Pan

1240 187# AN6C44A REV N/A MAG
PASSIVATE
HIGH HUMIDITY
RUST PROOF

NASM3-20 REV 2 J/N# 327056
High Humidity 13 pcs Acc: 13 Rej: 0
24 HOURS HIGH HUMIDITY TEST

MATERIAL / HEAT TREAT / STATUS OF PARTS 431/FINAL

TOTAL

PASSIVATE AMS2700E ANNEX A METHOD 101 / AMS2700E METHOD 1 TYPE 2

Other: RUST PROOF

MAGNETIC SPECIFICATIONS

Acceptance Criteria ASTM-E-1444/E1444M-12 NASM6812 REV 2

Accepted	Rejected	Accepted	Rejected	Accepted	Rejected	Accepted	Rejected	Accepted	Rejected	Accepted	Rejected	Accepted	Rejected
32	0												

Reason Rejected

FLUORESCENT PENETRANT SPECIFICATIONS

Acceptance Criteria

Accepted	Rejected	Accepted	Rejected	Accepted	Rejected	Accepted	Rejected	Accepted	Rejected	Accepted	Rejected	Accepted	Rejected

Reason Rejected

QC NOT Level 2: REYES HERNANDEZ

This test certification shall not be reproduced except in full. This certification shall not be used by the customer to claim product endorsement by any agency of the U.S. government. Active Magnetic Inspection certifies that the product shipped on the above certification were processed, inspection & tested in compliance with all applicable prints & specifications. All supporting documentation is on file at Active Magnetic Inspection.



Reported on

CERTIFICATION / TEST / REPORT

CALIFORNIA SCREW PRODUCTS

14957 Gwenchris Court
Paramount, CA 90723

CHECK LIST OF DOCUMENTS TO CUSTOMER

JOB NUMBER: 327056

PART NUMBER: AN6C44A

DESCRIPTION	NUMBER OF PAGES
PACKAGING SLIP	<u>1</u>
TEST REPORT	<u>1</u>
DIMENSIONAL INSPECTION	<u>N/A</u>
CERTIFICATE OF QUALITY COMPLIANCE (COQC)	<u>N/A</u>
MATERIAL CERTIFICATE	<u>3</u>
HEAT TREATMENT CERTIFICATE	<u>1</u>
SURFACE FINISH CERTIFICATE (PLATE, PASSIVATE, ETC.)	<u>1</u> *
NON-DESTRUCTIVE INSPECTION CERTIFICATE(MAG. FLUOR.)	<u>*</u>
FATIGUE TEST RESULTS	<u>N/A</u>
STRESS DURABILITY TEST RESULTS	<u>N/A</u>
CERTIFICATION OF PROCESSING	<u>N/A</u>
SALT SPRAY/HIGH HUMIDITY	<u>*</u>
STRESS CORROSION TEST CERTIFICATE	<u>N/A</u>
LOCKING ELEMENT CERTIFICATE	<u>N/A</u>
GOVERNMENT CONTRACT	<u>N/A</u>
P.O. TO ALL SERVICE	<u>N/A</u>
RELEASE AUTHORIZATION	<u>N/A</u>
THREAD INSPECTION REPORT	<u>N/A</u>
TOTAL:	<u>7</u>

* Indicates that all certifications are in one document.

NOV 21 2014

PROCESSED BY: 

DATE: _____

Please check this list to assure that all documents are received and request for any missing one within 10 days after receiving material.

Your cooperation is greatly appreciated.